

JC05 Rec'd PCT/PTO 19 APR 2002

Patent and Trademark Office/SB/17 (10-01)

Approved for use through 10/31/2002. OMB 0651-0032

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

**FEE TRANSMITTAL
for FY 2002**

Patent fees are subject to annual revision.

TOTAL AMOUNT OF PAYMENT (\$ 170)**Complete if Known**

Application Number	10/018,416
Filing Date	December 14, 2001
First Named Inventor	Joshua R. Smith
Examiner Name	Not yet assigned
Group Art Unit	Not yet assigned
Attorney Docket No.	103140-0007U

METHOD OF PAYMENT

1. The Commissioner is hereby authorized to charge indicated fees and credit any over payments to:

Deposit Account Number 03-1237

Deposit Account Name Cesari and McKenna, LLP

 Charge Any Additional Fee Required
Under 37 C.F.R. §§1.16 and 1.17 Applicant claims small entity status.
See 37 CFR 1.27

2. Payment Enclosed:

 Check Credit card Money Order Other**FEE CALCULATION (continued)****3. ADDITIONAL FEES**

Large Entity Small Entity

Fee Code	Fee (\$)	Fee Code	Fee (\$)	Fee Description	Fee Paid
105	130	205	65	Fee Surcharge - late filing fee or oath	130
127	50	227	25	Surcharge - late provisional filing fee or cover sheet	
139	130	139	130	Non-English Specification	
147	2,520	147	2,520	For filing a request for ex parte reexamination	
112	920	112	920*	Requesting publication of SIR prior to Examiner action	
113	1,840	113	1,840*	Requesting publication of SIR after Examiner action	
115	110	215	55	Extension for reply within first month	
116	400	216	200	Extension for reply within second month	
117	920	217	460	Extension for reply within third month	
118	1,440	218	720	Extension for reply within fourth month	
128	1,960	128	980	Extension for reply within fifth month	
119	320	219	160	Notice of Appeal	
120	320	220	160	Filing a brief in support of an appeal	
121	280	221	140	Request for oral hearing	
138	1,510	138	1,510	Petition to institute a public use proceeding	
140	110	240	55	Petition to revive - unavoidable	
141	1,280	241	640	Petition to revive - unintentional	
142	1,280	242	640	Utility Issue fee (or reissue)	
143	460	243	230	Design Issue fee	
144	620	244	310	Plant Issue fee	
122	130	122	130	Petitions to the Commissioner	
123	50	123	50	Processing fee under 37 CFR 1.17(q)	
126	180	126	180	Submission of Information Disclosure Stmt	
581	40	581	40	Recording each patent assignment per property (times number of properties)	40
146	740	246	370	Filing a submission after final rejection (37 CFR 1.129(a))	
149	740	249	370	For each additional invention to be examined (37 CFR 1.129(b))	
179	740	279	370	Request for Continued Examination (RCE)	
169	900	169	900	Request for expedited examination of a design application	
Other fee (specify)				SUBTOTAL (3) (\$)	170
Other fee (specify)				SUBTOTAL (3) (\$)	170

*Reduced by Basic Filing Fee Paid

SUBMITTED BY**Complete (if applicable)**

Name (Print/Type)	Patricia A. Sheehan	Registration No. (Attorney/Agent)	32,301	Telephone	(617) 951-2500
Signature	Patricia A. Sheehan			Date	April 19, 2002

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Office, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OF COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

Rec'd PCT/PTO 19 APR 2002 #3

PATENTS
103140-0007U



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In Re The Application of:)
Joshua R. Smith)
Serial No.: 10/018,416)
Filed: December 14, 2001)
For: DATA ENCODING AND DECOD-)
ING)

Examiner: Not yet assigned

Art Unit: Not yet assigned

Cesari and McKenna, LLP
88 Black Falcon Avenue
Boston, MA 02210
April 19, 2002

"Express Mail" Mailing-Label Number: EL736452465 US

Honorable Commissioner of Patents and Trademarks
Washington, D.C. 20231

Sir:

RESPONSE TO NOTICE TO FILE MISSING PARTS OF APPLICATION

Enclosed in response to the Notice to File Missing Parts of Application-Filing Date Granted mailed March 12, 2002, is a Declaration for Patent Application executed by the inventors, along with a check for \$130.00 to cover the surcharge for this Response. The above-referenced application filed in the Patent and Trademark Office is the application that the inventors executed by signing the enclosed Declaration.

04/25/2002 MAL111 00000048 10018416

01 FC:154

130.00 0P

PATENTS
103140-0007U

Please charge any additional fee occasioned by this paper to our Deposit Account
No. 03-1237.

Respectfully submitted,



Patricia A. Sheehan
Reg. No. 32,301
CESARI AND MCKENNA, LLP
88 Black Falcon Avenue
Boston, MA 02210-2414
(617) 951-2500